

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTH	ORITY					
To: JANE MASSEY LICATA LICATA & TYRRELL PC 66 E. MAIN STREET MARLTON, NJ 08053		PCT				
		WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY				
		(PCT Rule 43bis.1)				
		Date of mailing (day/month/year) 16 FEB 2005				
Applicant' s or agent's file reference		FOR FURTHER ACTION See paragraph 2 below				
DC-0248						
International application No. International filing date		day/month/year)	Priority date (day/month/year)			
PCT/US04/01382 20 January 2004 (20.01 International Patent Classification (IPC) or both national classification			21 January 2003 (21.01.2003)			
IPC(7): A61K 31/519; C07D 487/02; C	12Q 1/02 and US Cl.: 435/	29; 514/265.1; 544	/280			
Applicant						
TRUSTEES OF DARTMOUTH COLLI	EGE					
This opinion contains indications rel	ating to the following item	s:				
Box No. I Basis of the opinion						
Box No. II Priority						
Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability						
Box No. IV Lack of uni	Box No. IV Lack of unity of invention					
Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement						
Box No. VI Certain doc	. VI Certain documents cited					
Box No. VII Certain def	Box No. VII Certain defects in the international application					
Box No. VIII Certain obs	servations on the internation	nal application				
2. FURTHER ACTION						
If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.						
IPEA a written reply together, wh mailing of Form PCT/ISA/220 or b	nere appropriate, with amore efore the expiration of 22 r	endments, before tl	PEA, the applicant is invited to submit to the ne expiration of 3 months from the date of ority date, whichever expires later.			
For further options, see Form PCT/ISA/220.						
3. For further details, see notes to For	m PCT/ISA/220.		- 1 //			
Name and mailing address of the ISA/ U	IS	Authorized office Now Just				
Mail Stop PCT, Attn: ISA/US Commissioner for Patents		Jeffrey E. Russel				
P.O. Box 1450						
Alexandria, Virginia 22313-1450		Telephone No. (571) 272-1600				

Facsimile No. (703) 305-3230
Form PCT/ISA/237 (cover sheet) (January 2004)





WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/US04/01382

Box No. I Basis of this opinion
1. With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
This opinion has been established on the basis of a translation from the original language into the following language, which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
a. type of material
a sequence listing
table(s) related to the sequence listing
b. format of material
in written format
in computer readable form
c. time of filing/furnishing
contained in international application as filed.
filed together with the international application in computer readable form.
furnished subsequently to this Authority for the purposes of search.
In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:

Form PCT/ISA/237(Box No. I) (January 2004)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/US04/01382

Box No. V Reasoned statement under Rule 43 bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement						
1. State	ment					
	Novelty (N)	Claims	3-7	YES		
			1 and 2			
	Inventive step (IS)	Claims	3-7	YES		
		Claims	1 and 2	NO		
	V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Claima.	1.7	YES		
	Industrial applicability (IA)		1-7 NONE			
		Claims	NONE			
2. Citati	ons and explanations:	·				
treatment taught by Claims 3- level of c administe suggest th While Pf suggestio Claims 1- can be m	all paragraph. Note that an intended us of human ovarian cancer" does not in the prior art. 7 meet the criteria set out in PCT Art cytotoxic T-cell lytic activity in cells or cring antalarmin to tumor-bearing animat antalarmin has any effect on cytoto izer, Inc. indicates that CRF antagonism that antalarmin specifically will act large the criteria set out in PCT Art ade or used in industry. The claimed of tumors.	nicle 33(2)-(3), becan r tissues which have nals, including patie oxic T-cell lytic actions to the anticancer aby by increasing cytototicle 33(4), and thus	use the prior art does not teach or to be been contacted with antalarmin, a mits with ovarian cancer. The prior vity, on cancer in general, or on or activity in general (see, e.g., claim oxic T-cell lytic activity or anti-turn thave industrial applicability because been expected to have industrial	fairly suggest measuring the mid do not teach or fairly suggest rart of record does not teach or varian cancer specifically. 11), there is no teaching or nor activity.		

Form PCT/ISA/237 (Box No. V) (January 2004)

NOTESTO FORM PCT/ISA/220

These Notes are intended to give the basic instructions concerning the filing of amendments under Article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the *PCT Applicant's Guide*, a publication of WIPO.

In these Notes, "Article," "Rule" and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions, respectively.

INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international publication. Furthermore, it should be emphasized that provisional protection is available in some States only.

What parts of the international application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Preliminary Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

When? Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been/is filed, see below.

How? Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Administrative Instructions, Section 205(b)).

The amendments must be made in the language in which the international application is to be published.

What documents must/may accompany the amendments?

Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.

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Notes to Form PCT/ISA/220 (first sheet) (July 1998; reprint April 2002)